

# **SOUTH PRODUCTION NOTES**

**April 22, 2014  
Morning Shift**

**BASF EMPLOYEES  
40 Last Recordable  
290 Last Lost Time**

- 1. Work notification written (934095090) for #1 Extruder – again (Addressed today)**
  - a. Keeps kicking out (70 amps)**
  - b. Check cooling water – barrel is cool but at die plate is very hot**
    - i. Creating the large amount of fines?**
  - c. Work notification for gear box still outstanding (not addressed)**
- 2. All cartridges on #3 Filter receiver have been switched over (OK)**
- 3. Trimer ORP set at 275 (No change)**
- 4. The South Screener has been taken apart – maintenance can have it now (Working on motor today)**
- 5. All Cu-0860 is now all Lot 150 (33 bags – including bag at #2RC)**
  - a. With the exception of bag at calciner, all bags in South Pole Barn. (Done)**

## **#1 MED / AL-3992:**

No milled recycle needed per engineer. Work notifications written for oil leak at gearbox on the extruder (4/8/14). Please note that the MOD and MI inserts listed have the correct number (JMP 3760P83F). Additional work notifications written for continued issues with extruder constantly kicking out (worked on and fixed on 1<sup>st</sup> shift 4/21/14 MV.), and for mixer outlet valve passing powder to pulva when powder is dropped from hopper.

Day shift: Will make a batch and determine if extruder repairs, overheating and mixer valve leak are OK. Update: first batch looked good, made water adjustments (Justin Quach). Continue.

Afternoon Shift: Finish batches 110-112, then stopped (no powder room operator). Also, holding line until Wednesday so engineers can discuss what to do after lab results of dried and calcined material

Midnight shift:

## **#1 RC / AL-3992:**

Calciner lit

Day shift: Out of feed until line restarts (on have 2 bags on floor and ½ hopper. Make sure all samples (dried) are taken to lab.

Afternoon Shift: Beginning afternoon, plan is to run out the material in the calciner hopper and feed bags 108 and 109...leave a gap and change out the fines drums...then continue feeding batches 110-112.

Midnight shift:

**Exhaust to Trimer**

### **#2 MED line/ Cu-0860:**

On hold...out of recycle. Work notification on #2 Viron East flow meter still outstanding (RAND 4/7/14) - per the engineer, we can run with low flow. Before starting this line again we need to make sure that the #2 DC is emptied – alarm going off tonight a couple of times.

Day Shift:

Afternoon Shift: On hold.

Midnight shift: On hold.

### **#2 RC/ Cu-0860:**

Bring down for maintenance.

Day shift: Out of feed, calciner coming down for maintenance.

Afternoon shift:

Midnight shift:

Exhaust to F1

### **#3 MED line / D-0704:**

Breaker repaired, continue batches.

Day shift: Power lost on powder room screen after E stopping. When power restored, rotolock and vac-u-max blower continued to try purging vac-u-max bag house. Powder was moving but slowly. May need Kirk or IMC to look at programming, or possible secondary filters need changed on side of vacu-u-max. Charlie Fern was contacted and will look at the system.

Afternoon Shift: Running last batch early in shift until maintenance looks at Vac-u-Max and determines what the issue is (Vac-u-Max will not shut off, continues to blow to hopper).

Midnight Shift:

### **#3 RC/ D-0704:**

Currently feeding. We need to keep track of the weight on the fines drums as they are filled up – need to add the weight to the green sheet. Need to weigh each bag and record its weight on the log sheet by the scale at the East side of building 31 on the first floor.

HEPA filter for the CTO was changed (4/17/14 M.V.). Keep an eye on the DP for this.

Day shift: Continue feeding as material available. CTO operating normally. Move any calcined bags to 3<sup>rd</sup> floor as space permits.

Afternoon Shift:

Midnight shift:

Exhaust to CTO

### **#4 RC / Selexorb:**

Calciner temps brought down and reversed (M.V. 4/20)

Day shift: Down, hold. We will not need to clean as more Selexorb coming. When material is en route, fire up calciner again.

Afternoon Shift: On hold.

Midnight Shift: On hold.

**Exhaust to Trimer**

### **PK Blender / 1505 next:**

Confirm with John Bodmann with how to use the partial bag of 1505 to dry back the 1 wet batch that is still in building 9. Hold the 1 batch that was wet. It will need to be dried back with help from the engineer.

Day shift: Hold for now. Will impreg more 1506 when we get 1505 calcined bags from #5 RC.

Afternoon Shift:

Midnight Shift:

### **#5 RC / 1505:**

We have made the switch back to 1505. Need to remember that we do not need 5A dust collector running with this product. **We need to check the suction twice every shift.**

Day shift: Continue 1505

Afternoon shift:

Midnight shift:

**Exhaust to Trimer**

### **#6 RC / QAQ Trial:**

Lit and holding

Day Shift: Calciner and dryer lit.

Afternoon shift:

Midnight shift:

**Exhaust to Sly Scrubber**

### **Abbe Blender – D-5206:**

We are ahead on this job and can run as manpower permits. We can run on the weekend and off shifts. Make sure to read Grodecki's instructions at the end of the shift notes regarding how to match up the lots of 5202.

Day shift: Down day shift (contractors)

Afternoon shift: Did not run (manpower)

Midnight shift:

### **National Dryer / D-5206:**

**Make sure that we are taking the bags coming off the National dryer to the far railshed for the moment.** We will not feed D-5206 to the calciner just yet.

Day shift: Continue feeding as material available.

Afternoon Shift:

**Midnight Shift:**

**Tower 3 / DPT-101:**

Loaded and running.

Day shift: Running

Afternoon shift:

Midnight Shift:

**Tower 6 / DPT-101:**

Loaded and running.

Day shift: Running

Afternoon shift:

Midnight Shift:

**North Screener / Cu-1155 3/16 x 1/8**

Switched screener to Cu 1155 3/16 x 1/8. All Cu-1155 3/16" x 3/16" has been isolated and cordoned off with red tape – DO NOT USE THIS MATERIAL.

Day shift: Continue

Afternoon Shift:

Midnight shift:

**South Screener / Cu-1986:**

Switch screener to Cu 1155 3/16 x 1/8 when Cu-1986 is completed (after determining how to deal with left-over material in screener-bad motor)

Day shift: Screener emptied and disassembled. Maintenance working on motor replacement. Engineering and Production team will reassess Wednesday morning to decide course of action for remaining material in tote (may or may not be good). If motor is replaced, proceed with reassembling screener, and then hold.

Afternoon Shift:

Midnight shift:

**Tunnel Kiln #3 / Cu Carb testing:**

We have lit up zone #2 per the engineer and have added material to the kiln for the continuing testing.

Day shift: Kiln reloaded with test saggars

Afternoon Shift:

Midnight shift:

**Tunnel Kiln #4 / Cu-0540:**

Continue

Day shift: Continue  
Afternoon Shift:  
Midnight shift:

### **Old Pfaudler – cleaning for QAQ Trial:**

Finishing cleaning  
Day Shift: Started trial but lid leaked. Lid resealed and trying again afternoon shift.  
Afternoon Shift:  
Midnight Shift:

### **#2662 (east) Pill Machine / Zr-0403 1/8: Hold**

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Day Shift: Continue cleaning/re-tooling  
Afternoon shift:  
Midnight shift:

### **#2664 (west) Pill Machine / Zr-0403 1/8: Hold**

Started to clean up and take apart machines in preparation for Zr material. We will use only one dust collector.

Day Shift: No change.  
Afternoon shift:  
Midnight shift:

### **Harrop Kiln - Al-3921 T 3/16”:**

Down... saggars have been removed, screener parts at TK#2

Day shift: HOLD  
Afternoon shift: HOLD  
Midnight shift: HOLD

### **New Pfaudler / Celenese Trial**

The Pfaudler has been rinsed but not acid washed. Tentative start update the week of 4-21.

Day shift: HOLD...Celenese trial will be in  
Afternoon Shift:  
Midnight shift:

### **HC-11 Tanks Cu 6081 :**

Acid washed Tanks 4 & 107; all tanks empty with the exception of Tank 2. (RAND - 3/24/14)

Day shift: No activity  
Afternoon Shift:  
Midnight shift: